



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Hokan COLTING  
Serial No.: 10/718,634  
Filing Date: November 24, 2003  
Title: AIRSHIP AND METHOD OF OPERATION  
Art Unit: 3643  
Examiner: Robert SWIATEK  
Atty's Docket No.: 51751/12

U.S. Patent and Trademark Office  
2011 South Clark Place  
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Arlington, VA 22202

### INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 C.F.R. §1.56, the applicant wishes to call the attention of the Examiner to the references contained in the Information Disclosure Statement by Applicant (Form PTO/SB/08a) attached herewith. A copy of each of the cited references is enclosed in accordance with 37 C.F.R. §1.98.

In accordance with 37 C.F.R. §1.97(c), the Information Disclosure Statement is accompanied by the fee of \$180.00 set forth in 37 C.F.R. §1.17(p).

According to the terms of 37 C.F.R. §1.97 (g) and (h), this Information Disclosure Statement shall not be construed as a representation that a search has been made, an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

#### REMARKS

The foregoing Information Disclosure Statement is based upon information contained the undersigned attorney's files.

With respect to the foreign language documents contained within the Information Disclosure Statement, the undersigned understands the following:

09/14/2004 YPOLITE1 00000043 10718634

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FR 372,168 discloses sails for use in guiding hot air derived from the propulsion system of an airship;

FR 445,171 discloses a steering system for an airship;

FR 2,132,610 discloses a steerable airship for transporting houses;

DE 40 09 772 discloses an airship having a turboprop system driven electrically or through conventional motors;

FR 2,673,418 discloses a steerable lighter than air machine;

DE 42 04 962 discloses an airship having a dual motor system;

DE 197 44 580 discloses an engine driven spherical airship; and

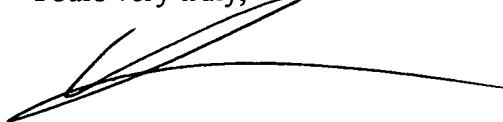
WO0058152 discloses a semi-rigid and controlled lighter-than-air aircraft.

Prompt consideration of this Information Disclosure Statement and the references contained therein by the Examiner is requested.

If any additional fee is required for this submission, the undersigned hereby authorises the Commissioner to deduct any fees that may be required from Account No. 02-2553.

Should any Patent Office official wish to contact us by telephone with respect to the above, the call should be made to Mark Penner at (416) 863-4283.

Yours very truly,



Sept 10/04  
Date

Mark Penner  
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PTO/SB/08a (05-03)

Approved for use through 05/31/2003. OMB 0651-0031  
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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete if Known</b>	
Sheet	1	of	4	Application Number	10/718,634
				Filing Date	11/24/2003
				First Named Inventor	Hokan S. Colting
				Art Unit	3643
				Examiner Name	R.P. Swiatek
				Attorney Docket Number	51751/12

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US 607,240	07-12-1898	C.E. Hite	
	A2	US 1,599,496	09-14-1926	W. Sheppard	
	A3	US 2,191,759	02-27-1940	K.P. Hilberth	
	A4	US 2,654,552	10-06-1953	J. Jonas	
	A5	US 2,868,478	01-13-1959	T. McCloughy	
	A6	US 2,929,581	03-22-1960	W.C. Johnson Jr.	
	A7	US 3,079,106	02-26-1963	G.R. Whitnah	
	A8	US 3,265,142	08-09-1966	D.H. Winter	
	A9	US 3,488,019	06-01-1970	M.H. Sonstegaard	
	A10	US 3,834,655	10-09-1974	E. Crosby	
	A11	US 3,957,228	05-18-1976	G.H. Kennedy Jr.	
	A12	US 4,085,912	04-25-1978	S.I. Slater	
	A13	US 4,366,936	01-04-1983	F.D. Ferguson	
	A14	US 4,773,617	09-27-1988	B.L. McCampbell	
	A15	US 4,792,107	12-20-1988	J.A. Fernz et al.	
	A16	US 4,931,028	06-05-1990	H.D. Jaeger	
	A17	US 5,076,513	12-31-1991	R. Regipa et al.	
	A18	US 5,115,997	05-26-1992	J.M. Peterson	

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
	B1	FR 372,168	12-06-1906	J. Deixler	
	B2	FR 445,171	06-19-1912	A. De Rudder	
	B3	GB 250,602	07-08-1927	J.E. Broyles et al.	
	B4	FR 2,132,610	11-24-1972	L. Felciai	
	B5	EP 0 078 713	05-11-1983	F. Ferguson	

Examiner Signature		Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3.). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet	2	of	4		Attorney Docket Number	51751/12

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (If known)			
	B6	<b>GB 2,196,919</b>	05-11-1988	Airport Ind.	
	B7	<b>DE 40 09 772</b>	10-02-1991	Schmidt, W.	
	B8	<b>FR 2,673,418</b>	09-04-1992	A. Erval et al.	
	B9	<b>DE 42 04 962</b>	08-26-1993	Schmidt, H.	
	B10	<b>WO9504407</b>	02-09-1995	Seligsohn, S. et al.	

Examiner Signature		Date Considered	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (If known)				
	B11	EP 0 887 259	12-30-1998	Electric Boat Corp.		
	B12	DE 19 744 580	04-15-1999	Bock, J.		
	B13	WO0058152	10-05-2000	Ishkov, J. G.		
	B14	GB 2,366,273	03-06-2002	Gortowski, E. P.		

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Sheet	4	of	4	Attorney Docket Number	51751/12

<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.			<sup>2</sup>
	C1	J. D. DELAURIER et al., Preliminary report on the engineering development of the Magnus Aerospace Corp. LTA 20-1 heavy-lift aircraft, The Aeronautical Journal of the Royal Aeronautical Society, Apr. 1983, 119-131, Royal Aeronautical Society, London, England.			
	C2	J. D. LOWE, AIAA-85-0878 -- An Investigation into the Hovering Behaviour of the LTA 20-1 Airship in Calm and Turbulent Air, AIAA 6 <sup>th</sup> Lighter-Than-Air Systems Conference, June 26-28, 1985, 108-114, American Institute of Aeronautics and Astronautics, Inc., New York.			
	C3	J. D. LOWE et al., AIAA-85-0879 -- An Experimental Determination of the Longitudinal Stability Properties of the LTA 20-1, AIAA 6 <sup>th</sup> Lighter-Than-Air Systems Conference, June 26-28, 1985, 115-123, American Institute of Aeronautics and Astronautics, Inc., New York.			
	C4	J. DELAURIER et al., AIAA-85-0876 -- Progress Report on the Engineering Development of the Magnus Aerospace LTA 20-1 Airship, AIAA 6 <sup>th</sup> Lighter-Than-Air Systems Conference, June 26-28, 1985, 90-99, American Institute of Aeronautics and Astronautics, Inc., New York.			
	C5	J. DELAURIER et al., AIAA-83-2003 -- Development of the Magnus Aerospace Corporation's Rotating-Sphere Airship, AIAA Lighter-Than-Air Systems Conference, July 25-27, 1983, 161-170, American Institute of Aeronautics and Astronautics, Inc., New York.			

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